

**SYSTEM AND METHOD FOR AUTOMATICALLY CALIBRATING
TWO-TAP AND MULTI-TAP EQUALIZATION FOR A COMMUNICATIONS LINK**

ABSTRACT OF THE DISCLOSURE

A method to calibrate an equalizer for communicating signals over a data link between a transmitter and receiver includes measuring loss in the link and automatically determining a multi-tap equalization setting for the transmitter based on the measured loss. The multi-tap equalization setting may be determined using a look-up table, which stores a plurality of equalization settings for a respective number of link loss values. Once the equalization setting matching the measured link loss is found in the table, the equalizer can be optimally set to reduce or eliminate intersymbol and other types of interference.